

Data Sheet no. 4.26/1

Power Modules LM 25 / 48**Description:**

The power modules LM 25 and LM 48 have been designed for the use in AC and DC Voltage Module Systems as well as for Impulse Voltage Module Systems. The power modules can be used with the basic control and measuring system BC 5M but also with the computer control and measuring systems CMS 22M or CMS 23M (Data Sheet 4.21).

All power modules comprise of a regulating transformer which is controlled by programmable logic controllers (PLC) of the SIEMENS type SIMATIC S7. The interaction with the control component takes place by a PROFIBUS-interface realized by a fibre-optic link. Connectors for output, door safety circuit and external signal lamps are located at the back-side. The power modules are equipped with a 5 m supply cable. Integral part of the power modules is the AC/DC Peak Voltmeter MU 18 (catalogue sheet 5.56). The extension unit,

LMO 5.1 for Impulse Voltage Module Systems has to be installed to use the power modules for Impulse Voltage Module Systems. A separate plug-in slot is provided for the Impulse Peak Voltmeter Type MU 28 (catalogue sheet 5.57). Components which are required for additional options like the extension for Impulse Voltage Module Systems, the breakdown detection or secondary current measurement can be built in. The power modules are housed in a wheeled mini-switch cabinet.

Attention:

It is recommended to protect the power input circuit for the power module by a fuse. A residual-current circuit-breaker is not possible because of the varistor leakage current.

Technical Data:

type code	primary voltage V	output voltage V	frequency Hz	rated power (continuous) kVA	output current A	rate of rise Vs ⁻¹	dimensions (w x h x d) mm	total weight kg
LM 25	230±10%	0 ... 230	50/60	5.8	25	1 ... 25	605 x 690 x 805	90
LM 48	230±10%	0 ... 230	50/60	11	48	1 ... 25	605 x 690 x 805	100

Dimensional drawing:

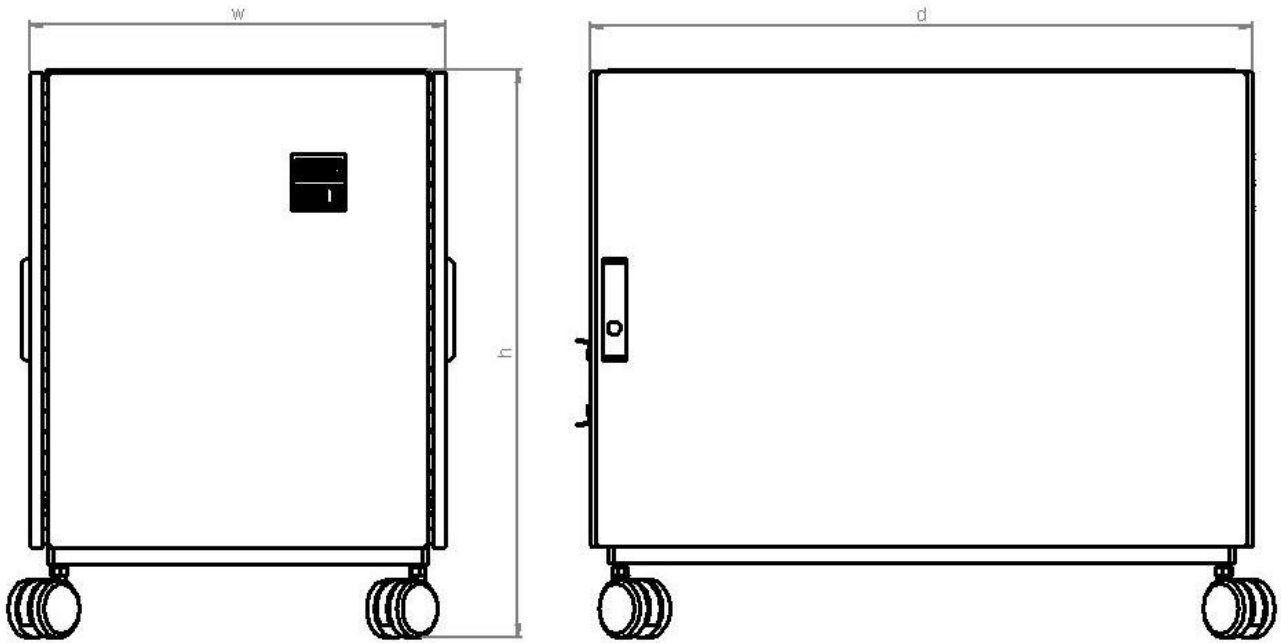


Fig. 1: LM 25/48